

ABSTRACT OF THE DISCLOSURE

A coated turning insert particularly useful for turning in stainless steel is disclosed.

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The insert is characterized by a WC-Co-based cemented carbide substrate having a highly W-alloyed Co-binder phase and a coating including an inner layer of $TiC_xN_yO_z$ with columnar grains followed by a layer of fine-grained $\kappa-Al_2O_3$ and a top layer of TiN. The layers are deposited by using CVD-methods.

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